

Experiment Number: A40581

Test Type: Genetic Toxicology - Micronucleus

Route: Gavage

Species/Strain: Mouse/CD-1

G04: In Vivo Micronucleus Summary Data

Test Compound: AZT+3TC+NVP combination

CAS Number: AZT3TCCOMBO

Date Report Requested: 09/20/2018

Time Report Requested: 12:46:14

NTP Study Number:

A40581

Study Duration:

8 Days

Study Methodology:

Flow Cytometry

Male Study Result:

Positive

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Tissue: Blood; Sex: Male; Number of Treatments: 0; Time interval between final treatment and cell sampling: 24 h

Dose (mg/kg)	N	MN PCE/1000		N	MN NCE/1000		% PCE	
		Mean ± SEM	p-Value		Mean ± SEM	p-Value	Mean ± SEM	p-Value
Vehicle Control ¹	5	2.155 ± 0.111		5	1.436 ± 0.032		28.014 ± 1.946	
125.0	5	120.977 ± 18.646	0.0044 *	5	44.201 ± 7.244	0.0045 *	14.752 ± 0.581	< 0.001 *
Trend p-Value		0.0044 *			0.0045 *		< 0.001 *	

Trial Summary: Positive

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LEGEND

MN = micronucleated, PCE = polychromatic erythrocyte, NCE = normochromatic erythrocyte

CAS Number = Chemical Abstracts Service registry number

N = Number of subjects

Values given as Mean or Mean \pm Standard Error Mean

Pairwise comparison with the control group; values are significant at $P \leq 0.025$ by Williams or Dunn's test

Dose-related trend; significant at $P \leq 0.025$ by linear regression or Jonckheere's test

* Statistically significant pairwise or trend test

1: Vehicle Control: 0.2% Methylcellulose and 0.1% Tween 80 in water

**** END OF REPORT ****